

INTERNATIONAL SEARCH REPORT

Internat Application No
PCT/CZ2004/000064A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A23L1/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, CHEM ABS Data, BIOSIS, FSTA, EMBASE, MEDLINE, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	STANCÍKOVÁ M ET AL: "The effects of hyaluronan on bone resorption and bone mineral density in a rat model of estrogen deficiency-induced osteopenia" INTERNATIONAL JOURNAL OF TISSUE REACTIONS 2004 SWITZERLAND, vol. 26, no. 1-2, 2004, pages 9-16, XP008042023 ISSN: 0250-0868 page 10, column 1, paragraph 3 - column 2, paragraph 3 page 11, column 1, paragraph 1 page 12, column 2, paragraph 2 page 14, column 2 ----- -/--	1-8

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

27 January 2005

Date of mailing of the international search report

08/02/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,Y	DATABASE WPI Section Ch, Week 200435 Derwent Publications Ltd., London, GB; Class B04, AN 2004-369103 XP002314986 & JP 2004 137183 A (KOTOBUKI SEIYAKU CO LTD) 13 May 2004 (2004-05-13) abstract	1-8
P,Y	----- NAKAMURA KIMIHIDE ET AL: "High, but not low, molecular weight hyaluronan prevents T-cell-mediated liver injury by reducing proinflammatory cytokines in mice" JOURNAL OF GASTROENTEROLOGY, vol. 39, no. 4, April 2004 (2004-04), pages 346-354, XP008042013 ISSN: 0944-1174 page 346, column 1 page 347, column 1, paragraph 2 page 350, column 2, paragraph 2	1-8
X	----- US 2003/050277 A1 (KAJIMOTO OSAMI ET AL) 13 March 2003 (2003-03-13) paragraph '0037! - paragraph '0040! examples 1,2	1-7
Y	----- US 6 391 864 B1 (STONE KEVIN) 21 May 2002 (2002-05-21) column 1, paragraph 2 column 3, line 47 - line 58 examples 1-3	1-8
A	----- DATABASE WPI Section Ch, Week 200375 Derwent Publications Ltd., London, GB; Class B04, AN 2003-793480 XP002314988 & JP 2003 212781 A (MARUZEN SEIYAKU KK) 30 July 2003 (2003-07-30) abstract	1-8
Y	----- US 6 495 148 B1 (ABBIATI GIULIANA) 17 December 2002 (2002-12-17) column 3, line 40 - line 50 column 2, paragraph 1	1-8
P,A	----- WO 2004/071543 A1 (SYNTHE AG CHUR; SYNTHE ; BISIG, ADRIAN; BOHNER, MARC; SCHNEIDER, ERI) 26 August 2004 (2004-08-26) claims 1,16,18,19,37 ----- -/--	

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PCT/CZ2004/000064

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,A	<p>WO 03/099992 A2 (WYETH; FIDIA ADVANCED BIOPOLYMERS, S.R.L; LI, REBECCA, H; KIM, HYUN, D) 4 December 2003 (2003-12-04) page 5, paragraph 4 page 7, paragraph 3 claim 60</p>	
A	<p>WO 97/33592 A1 (HYAL PHARMACEUTICAL CORPORATION; PILARSKI, LINDA, MAY) 18 September 1997 (1997-09-18) claims 1-7 page 1, paragraph 1</p>	

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 2004137183 A	13-05-2004	NONE	
US 2003050277 A1	13-03-2003	JP 2002356432 A	13-12-2002
US 6391864 B1	21-05-2002	AU 7132000 A CA 2377627 A1 EP 1263418 A2 JP 2003530072 T MX PA01013301 A WO 0078320 A1 US 2003124200 A1 US 2003152642 A1 US 6432929 B1	09-01-2001 28-12-2000 11-12-2002 14-10-2003 04-09-2003 28-12-2000 03-07-2003 14-08-2003 13-08-2002
JP 2003212781 A	30-07-2003	NONE	
US 6495148 B1	17-12-2002	IT MI981836 A1 AT 234867 T CA 2339290 A1 DE 69906128 D1 DE 69906128 T2 EP 1137671 A1 ES 2190653 T3 WO 0008061 A1 JP 2002522570 T	07-02-2000 15-04-2003 17-02-2000 24-04-2003 30-10-2003 04-10-2001 01-08-2003 17-02-2000 23-07-2002
WO 2004071543 A1	26-08-2004	NONE	
WO 03099992 A2	04-12-2003	NONE	
WO 9733592 A1	18-09-1997	CA 2173272 A1 AT 245424 T AU 2088897 A DE 69723702 D1 DE 69723702 T2 DK 914133 T3 EP 0914133 A1 ES 2202581 T3 PT 914133 T ZA 9702124 A	03-10-1997 15-08-2003 01-10-1997 28-08-2003 03-06-2004 17-11-2003 12-05-1999 01-04-2004 31-12-2003 16-09-1997